

IN THE CLAIMS

1. (Currently Amended) A rack equipment management information coordination method comprising:
 formulating a rack equipment management plan, wherein said rack equipment management plan is a plan for managing rack equipment operating characteristics while said rack equipment is in operation;
 automatically detecting rack equipment description information from at least one component comprising said rack equipment; and
 storing said rack equipment description information and said rack equipment management plan.
2. (Original) A rack equipment information coordination method of Claim 1 further comprising retrieving possible performance level settings from rack equipment.
3. (Original) A rack equipment information coordination method of Claim 2 wherein said possible performance level settings from rack equipment include wattage settings.
4. (Original) A rack equipment information coordination method of Claim 1 wherein said rack equipment management plan includes management objective guidelines.
5. (Original) A rack equipment information coordination method of Claim 1 wherein said rack equipment management plan includes power and thermal budget guidelines.
6. (Original) A rack equipment information coordination method of Claim 1 wherein formulating said rack equipment management plan further comprises interfacing with a service agreement application.
7. (Original) A rack equipment information coordination method of Claim 1 further comprising integrating said rack equipment description information with said rack equipment management plan.
8. (Currently Amended) A rack equipment information coordination system comprising:
 an equipment description information repository for tracking equipment description information;

a management plan information repository for tracking rack equipment management plan information, wherein said rack equipment management plan information is used for managing rack equipment while said rack equipment is in operation and is configured for directing a change in operating characteristics of said rack equipment; and

a coordination component for coordinating said equipment description information and said rack equipment management plan information.

9. (Original) A rack equipment information coordination system of Claim 8 wherein said equipment description information repository stores information associated with features and characteristics of rack equipment and support equipment.
10. (Original) A rack equipment information coordination system of Claim 8 wherein said equipment description information repository stores information indicating possible operation settings of rack equipment.
11. (Original) A rack equipment information coordination system of Claim 8 wherein said equipment description information repository stores information indicating rack equipment is capable of operating at varying power levels and corresponding heat generated at each level.
12. (Original) A rack equipment information coordination system of Claim 8 wherein said equipment description information repository stores performance level information.
13. (Original) A rack equipment information coordination system of Claim 8 wherein said management plan information repository tracks management policy and guideline information associated with a rack equipment management plan.
14. (Original) A rack equipment information coordination system of Claim 8 wherein policy information can provide a correlation between a trigger event and a rack equipment management objective.
15. (Original) A rack equipment information coordination system of Claim 8 wherein said coordination component provides a correlation between policies associated with a particular client and rack equipment implementing the client's applications.
16. (Original) A rack equipment information coordination system of Claim 8 further comprising:

a repository management component for managing information flow to and from said equipment description information repository and said management plan information repository; and

a communication link for communicating information to and from said repository management component.

17. (Currently Amended) A computer system comprising:

a means for communicating rack equipment related information for managing rack equipment while said rack equipment is in operation;

a means for storing said rack equipment related information and instructions for implementing rack equipment information coordination; and

a means for processing information and instructions, wherein said means for processing information and instructions is configured for processing said instructions and for managing operating characteristics of said rack equipment, and is configured for processing information for managing said rack equipment information.

18. (Original) A computer system of Claim 17 further comprising:

a rack equipment description retrieval module for controlling automatic retrieval of rack equipment description information;

a rack equipment management plan module for directing establishment of a rack equipment management plan;

a rack equipment correlation module for providing correlation instructions to a correlation component; and

an instruction saving module for directing rack equipment description information and the rack equipment management plan information saving operations.

19. (Original) A computer system of Claim 18 wherein said rack equipment management plan module facilitates determination of rack equipment management objectives.

20. (Original) A computer system of Claim 18 wherein said rack equipment management information coordination is utilized to support a variety of rack equipment management objectives.